

SAT. JUN. 8-1918

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**Awning or Shelter Deck,  
or Pt. Awning Deck.**

**STEEL STEAMER.**

No. 15499

State if Report is also sent on the Machinery of the Vessel. YES.

Port of **WEST HARTLEPOOL** Date of completion of Report **6<sup>th</sup> JUNE 1918** Received at London Office  
Survey held at **WEST HARTLEPOOL** Date, First Survey **4<sup>th</sup> Dec<sup>r</sup> 1914** Last Survey **22<sup>nd</sup> MAY 1918**

On the (State if Single, Twin, or Triple Screw)

**STEAMER "DUQUESA"** (YARD N<sup>o</sup> 555) Rig **SCHOONER.**

TONNAGE under 5708.32

CLASS **100A.1. SHELTER DECK.**

Master **G. JARVIS.**

Do. between Tonnage Dk. and 1820.28

Breadth (greatest moulded) 61.0

3rd, 4th, **SHELTER** Dk. 7528.60

Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck 30.37

Do. of Poop

Deduct height of 'tween deck when this does not exceed 8ft.

Do. of R. Qr. Dk.

Transverse Number 91.37

Do. of Bridge House 696.18

Length on deck from fore part of stem to after part of sternpost 432.48

Do. of Forecastle 5.54

Longitudinal Number 39516

Do. of Houses on Deck 340.77

Depth "d" at middle of length. See Secs. 2 & 13. 19.41 to MAIN Dk.

Do. of excess of Hatchways 79.90

Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel 11.28

Do. above Crown of Engine Room

" " " Upper Deck at side to top of keel 14.24

Gross Tonnage 8650.99

Managers (Where necessary to be entered in Reg. Book.)

Less Crew Space 358.42

Residence **LONDON.**

TONNAGE FOR FEES 8292.57

Port belonging to **LIVERPOOL.**

Less Engine Room 2768.32

Destined Voyage **RIVER PLATE.**

Less Navigation Spaces 123.87

If Surveyed while Building, Afloat, or in Dry Dock **YES.**

Register Tonnage 5400.38

LENGTH on Deck as per Rule	Ft.	Ins.	BREADTH Moulded	Ft.	Ins.	DEPTH, ACTUAL Do.	Ft.	Ins.	No. of Decks with flat laid	No. of Tiers of Beams
432	5	3/4	61	0	38	3	9	4	FOUR	FOUR

Dimensions of Ship per Register, Length 429' breadth 61.3' depth 27.7' Upper Deck. Moulded depth, ft. 38 ins. 3/4 To Awning or Shelter Dk. Round up of Uppermost Dk. Beam, Actual 15 ins.

FRAMING.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
FRAME, Angles, or E or L Bars, amidships	9 1/2	3 1/2	5 1/2	9 1/2	3 1/2	5 1/2
Do. in peaks	8	3 1/2	4 1/2	8	3 1/2	4 1/2
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2
" " at intermdt. Bkts.						
Spacing of Frames from centre to centre amidships	27			27		
" " length to collision bulkhead	24			24		
" " of Frames from centre to centre in peaks						
REVERSED FRAME, Angles	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2
Do. in way of Double bottoms at Solid Floors						
" " at intermdt. Bkts.						
FRAMING, depth of girder	9 1/2			9 1/2		
FLOORS, depth and thickness of Floor Plate at mid line for 1 length amidships	E=50; B=3/4			E=42; B=5/2		
" in way of Engine and Boiler spaces						
" thickness at the ends of vessel						
" depth at 1/2 the half bath, as per Rule						
" height extended at the Bilges						
FLOORS, in Cell Double Bottoms	45		42	45		42
" state if flanged (top and bottom)	NO			NO		
" spacing of Solid	27			27		
CENTRE GIRDER, in Dbl. bottom, dpth. & thickness	45		54	45		54
" " Angles, Top	3 1/2	3 1/2	5 1/2	3 1/2	3 1/2	5 1/2
" " " Bottom	4 1/2	4 1/2	6 0	4 1/2	4 1/2	6 0
" " " to Floors	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2
" Brackets at intermdt. frmg., wdth & thkness						
IDE GIRDERS, number and thickness	TWO		40	TWO		40
" state if flanged (top & bottom)	NO			NO		
" Angles	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2
MARGIN PLATE, depth (exclusive of flange) and thickness	35 1/2		50	35		50
" Angles to outside plating	4	4	50	4	4	50
" " to floors	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2
" Brackets at intermdt. frmg., wdth & thkness						
" Height of Brackets above at bilge	LEVEL TO SUIT INSULATION.					
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	45		52	45		52
" " thickness in Engine and Boiler space	E=50; B=5/2		56	E=50; B=5/2		56
" " Remainder in Holds			40			40
BEAMS, Awning or Shlter Dk. Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	7x3x3x40		7x3x3x40			
Spacing	27			27		
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	7 1/2x3 1/2x3 1/2x42		7 1/2x3 1/2x3 1/2x42			
Spacing	27			27		
BEAMS, Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	7 1/2x3 1/2x3 1/2x42		7 1/2x3 1/2x3 1/2x42			
Angles on upper edge						
Spacing	27			27		
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel						
Angles on upper edge						
Spacing						
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	7x3x3x38		7x3x3x38			
Angles on upper edge						
Spacing	27			27		
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	8x3x50		8x3x50			
Angles on upper edge						
Spacing	27		24	27		24

PILLARS.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
PILLARS, In 'tween Deck, size and spacing	3 1/2	4 1/2	5 1/2	108	3 1/2	4 1/2
" " Hold	6 DIA			108	6 DIA	
" " Quarter, 'tween Dks., "	3 1/2	4 1/2	5 1/2	108	3 1/2	4 1/2
" " in Hold	6 DIA			108	6 DIA	
KEELSONS AND STRINGERS.						
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate						
" Rider Plate						
" Flat Keel Plate Angles						
" Horizontal Plates on Floors						
" Angles or Bulb Angles						
SIDE KEELSONS, Number						
" Angles or Bulb Angles						
" Plate above floors, for length						
" Intercoastal Plate, for length						
" Attached to outside plating with Angle						
BILGE KEELSON, Angles						
" Intercoastal Plate, for length						
" Attached to outside plating with Angle						
SIDE STRINGERS, Number TWO, FOR LENGTH OF N <sup>o</sup> 1 HOLD.						
" " FACE PLATE Angle (SEE PLAN)	15		68	15		68
" " Intercoastal Plate, for FULL lng. (FLANGED)	4 1/2			4 1/2		
" Attached to outside plating with Angle	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2
Awning or Shelter Deck Stringer Plates, breadth and thickness	61		60	61		60
" Angle on ditto	5 x 5		64	5 x 5		64
" " Plates, fore and aft, outside Hatchways						
" Deck, * Iron or Steel, for FULL lng.	IN BRIDGE		44			44
" Wood Deck, Material & thickness P. PINE 2 1/2 SHEATHING OUTSIDE OF BRIDGE.						
Upper Deck Stringer Plate, breadth and thickness	49		48	49		48
" Angles on ditto, No. TWO	3 1/2	3 1/2	48	3 1/2	3 1/2	48
" " Plates, outside Hatchways						
" Deck, * Iron or Steel, for FULL lng.			40			40
" Wood Deck, Material & thickness						
Second Deck Stringer Plates, br'dth & thckn's	49		44	49		44
" Angles on ditto, No. TWO	3 1/2	3 1/2	48	3 1/2	3 1/2	48
" " Plates, outside Hatchways						
" Deck, * Material and thickness STEEL			50			50
Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness	49		44	49		44
" Angles on ditto, No. TWO	3 1/2	3 1/2	48	3 1/2	3 1/2	48
" " Plates, outside Hatchways						
" Deck, Material and thickness STEEL			30			30
Poop Deck Stringer Plate, breadth & thickness						
" Angles on ditto						
" " Plates						
" Deck, Material and thickness						
Bridge Deck Stringer Plate, br'dth & thickness	57 1/2		54	57		54
" Angle on ditto	5	5	64	5	5	64
" " Plates			40			40
" Deck, Material and thickness P. PINE 2 1/2 SHEATHING.						
Forecastle Deck Stringer Plate, br'dth & th'kns	40 1/2		36	40		36
" Angle on ditto	3 1/2	3 1/2	36	3 1/2	3 1/2	36
" " Plates						
" Deck, Material and thickness STEEL			30			30

\* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.

W383-0107 1/2

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EQUIPMENT No. 44662 LETTER C+										ANCHORS.									
Number of Certificate.		Anchors.		WEIGHT, EX STOCK		WEIGHT OF STOCK		TEST, PER CERTIFICATE.		WEIGHT REQ. BY TABLE 31.		Description of Anchor.		Makers.		Where and when tested and Superintendent.			
				Owts.	qrs.	lbs.	Owts.	qrs.	lbs.	Tons.	cwt.	qrs.	lbs.	Cwts.	qrs.	lbs.			
21591	1st Bower	*	78	1	0	.	.	.	57	17	2	0	77	0	0	✓	BYERS STOCKLESS		
21594	2nd "	*	78	0	0	.	.	.	57	12	2	0	77	0	0	✓	D°		
21593	3rd "	*	66	2	0	.	.	.	51	16	1	0	65	2	0	✓	D°		
	Collective weight		222	3	0								219	2	0				
24676	Stream		22	2	0	5	3	0	22	15	0	0	22	0	0	✓	ORDINARY		
39753	Kedge		9	3	7	2	2	7	11	15	2	14	10	0	0	✓	D°		

  

CHAIN CABLES.										HAWSERS AND WARPS.													
Number of Certificate.		Length and Size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Fathoms and Size Per Table 31.		Description.		Makers of Cables.		Where and when tested, and Superintendent.		Material.		Length and Size supplied.		Breaking Test of Steel Wire Towline.		Fathoms and size per Table 31.	
		Fathoms.	Diam.	Tons.	Cwts.	qrs.	lbs.	Owts.	qrs.	lbs.	Length.	Diam.					Towline S.W.	Fathoms.	Length.	Cir.	Tons.	Fathoms.	Cir.
49970		300	2 1/8	106 1/8	149 1/8		890-2.6	890-1.4	300	2 1/8	STOD LINK PARKES & CO., TYP 24-4-17 C.F. PERRINS						"	130	5 1/4	78	130	5 1/4	
																	"	@ 100	8			@ 100	8
																	"	@ 100	8			@ 100	8
																	"	S.W. 120	5	59 1/2			
																	"	S.W. 40 4 1/2	4 1/2	39 1/2			

Boats FOUR LIFEBOATS + TWO OTHERS.  
Pumps, Number TWO DOWNTOWNSTONE PUMP TO FORE PEAK.  
Windlass is CLARKE, CHAPMAN & CO.  
Engine Room Skylights.—How constructed? OF STEEL  
Coal Bunker Openings.—How constructed? FLUSH SCUTTLES  
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 3 SCUPPERS EACH SIDE. OPEN RAILS.  
Celling in Holds, thickness and material ALL HOLDS INSULATED.  
Cargo Hatchways.—How formed? STEEL PLATES + ANGLES.  
State size No. 1 Hatch (Forward) 26'-11" x 15'-11 1/2" No. 2 Hatch 27'-0" x 15'-11 1/2" No. 3 Hatch 27'-0" x 15'-11 1/2" No. 4 Hatch 26'-11" x 15'-11 1/2"  
(ALL HATCHES HAVE INSULATED COVERS). NO FORE + AFTERS. No. of Breasthooks FIVE  
Bulwarks, height above deck and description OPEN RAILS.  
The foregoing is a correct description FOR JAYNE'S SHIP BUILDING & REPAIRING CO. LIMITED.  
Builder's Signature (here only)

Steering Gear, Steam HASTIE & CO.  
Diameter of Barrel 4" State whether they are in efficient working order YES.  
Capstan ✓  
What arrangements for deadlights in bad weather? STEEL FLAPS + BULL'S EYES.  
Height above deck? FLUSH.  
Bayonet JOINTS.  
Steel Flaps + BULL'S EYES.  
Relieving Tackle TO WINCH.  
YES.

Correspondence.—State dates and initials of letters respecting this case. Advice should be made in any correspondence connected with the case)  
(M.) 27<sup>th</sup> OCTOBER 1914 TO 10<sup>th</sup> MAY 1918. (E.) 25<sup>th</sup> FEBRUARY 1915.  
Workmanship. Are the butts of plating planed or otherwise fitted? PLANED + OVERLAPPED.  
Is the riveted work properly closed? YES.  
Are the liners between the frames and plates solid single pieces? YES.  
Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? YES.  
Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? YES.  
Do any rivets break into or through the seams or butts of the plating? A VERY FEW.  
Are the butts of Plating, Stringers, &c., properly shifted and strapped? YES.  
Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? YES.  
State results of tests SATISFACTORY.  
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? YES  
State results of tests SATISFACTORY.  
General Remarks (State quality of workmanship, &c.) This vessel has been built in accordance with the approved plans, the Secretary's letters as above stated and in other respects in conformity with the Rules. The materials and workmanship are good.  
The freeboard has been marked on the sides of the vessel as per the Secretary's letter (M) dated 8<sup>th</sup> May 1918.  
The vessel has been placed in Dry Dock + the bottom + rudder cleaned, examined + recoated.  
The vessel is fitted with wireless telegraphy (Marconi system).  
The H.T. bulb heads + shaft tunnels have been hose tested + the ash shoot tested under water pressure, same satisfactory.  
This is a singular vessel to the T.S.S. "EL PARAGUAYO", L.P. Report No. 14439.  
The Surveyor should state the Number of Report and Name of any Sister Vessel built or Yard Number of any building.  
The amount of Entry Fee ..... £ 5 - - - Fees applied for, 5/6 1918  
Special Survey Fee... £ 232 : 6 : Received by me, 11/4 1918  
Travelling Expenses, if any £ : :  
Certificate to be sent to WEST H'POOL Date of issue 12/1/18  
State whether the Vessel has been built under Special Survey YES.  
I am of opinion this Vessel should be Classed "A.T. SHELTER DECK"  
David McAnislan.  
Surveyor to Lloyd's Register of British and Foreign Shipping.  
With, or without Freeboard, as condition of Class YES.

Committee's Minute  
Character assigned 100 FT. Shelter Deck with fwd.  
Lloyd's A+B-P  
+ R.M.C. 5.18 20.  
Date of Build—Referred to G.C.  
Wrote M.P.C. (M)  
General Committee  
Thursday, 20<sup>th</sup> June 1918  
Date of Build to be recorded May 1918



GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Peep ☒ ft., R.O.D. ☒ ft., Bridge 256.5 ft., Forecastle 37.25 ft.  
(in feet and tenths). When the Peep is joined to the B.D., this should be distinctly stated—

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) THREE DECKS (STEEL) AND SHELTER DECK (STEEL-PT. W.S.)  
Official No. 140,578 ; Signal Letters ☒ State if Machinery is fitted aft NO.  
How are the surfaces preserved from oxidation? Inside PORTLAND CEMENT & PAINT. Outside PAINT.

PARTICULARS OF WATER BALLAST. State whether the Double bottom is constructed on the cellular system or with girders on floors.

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	87.75	145.	Fore peak tank,	<input checked="" type="checkbox"/>	94.
Double bottom, under Engines and Boilers, <u>FRESH WATER</u>	22.50	80.	After peak tank,	<input checked="" type="checkbox"/>	129.
Double bottom, if under Engines only,	29.25	133.	Deep tank, aft,	.	.
Double bottom, if under Boilers only,	63.00	304.	Deep tank, forward,	.	.
Double bottom, forward,	159.75	459.	Other tanks, if fitted,	.	.
Total capacity of double bottom		1121.	(If necessary, furnish further information by sketch.)	<input checked="" type="checkbox"/>	.

\* The wells are not to be included in the lengths of the tanks. 362.25

State whether the above have been tested as required by the Rules YES.

Order for Special Survey No. 2194

Date 10<sup>th</sup> Dec<sup>r</sup> 1914

No. 555 in builder's yard.

DATES of Surveys held while building

1914. Dec 4. 9. 11. 14. 17. 22. 24. 30. 1915. Jan 5. 8. 12. 14. 19. 21. 25. 27. 29. Feb 2. 5. 10. 12. 15. 17. 19. 23. 25. Mar 2. 4. 9. 12. 16. 21. 23. 26. 30. Apr 1. 2. 13. 15. 20. 23. 28. 30. May 4. 6. 10. 12. 14. 18. 20. 27. June 1. 3. 8. 10. 14. 17. 22. 24. 29. July 1. 5. 7. 9. 13. 15. 21. 27. 30. Aug 6. 9. 11. 13. 16. 19. 23. 25. 27. 30. Sept 3. 7. 9. 13. 15. 20. 22. 24. 28. 30. Oct 4. 6. 8. 11. 13. 18. 20. 23. 26. Nov 1. 3. 5. 10. 12. 15. 24. 26. 29. Dec 1. 6. 8. 10. 15. 17. 21. 23. 28. 31. 1916. Jan 5. 7. 11. 14. 15. 21. 23. 27. Feb 1. 3. 10. 23. 25. Mar 9. Apr 14. 27. May 1. 3. 8. 10. 12. 16. 19. 23. 25. 30. June 1. 5. 7. 9. 13. 16. 19. 21. 22. 26. 28. 30. July 5. 7. 10. 12. 18. 21. 25. 27. 31. Aug 2. 4. 7. 9. 11. 14. 16. 18. 21. 23. 25. 28. Sept 13. 18. 21. 26. 28. Oct 2. 5. 11. 12. 13. 17. 19. 23. 25. 26. 30. Nov 1. 2. 3. 6. 7. 14. 22. 28. 30. Dec 4. 6. 8. 10. 12. 21. 28. 1917. Jan 3. 10. 15. 22. 24. 31. Feb 5. 7. 13. 21. 23. Mar 2. 5. 7. 16. 27. 29. Apr 5. 11. 17. 20. 24. May 1. 8. 14. 18. 31. June 11. 13. 27. July 6. 13. 19. Aug 16. Sept 6. Dec 28. 1918. Jan 4. 8. 14. 16. 22. 28. 31. Feb 12. 19. 26. 28. Mar 8. 14. 18. 28. Apr 3. 10. 25. 29. May 1. 3. 6. 9. 10. 11. 14. 16. 22.

Total No. of Visits 272

Surveyor's Signature

David M. Arnold's Register Foundation